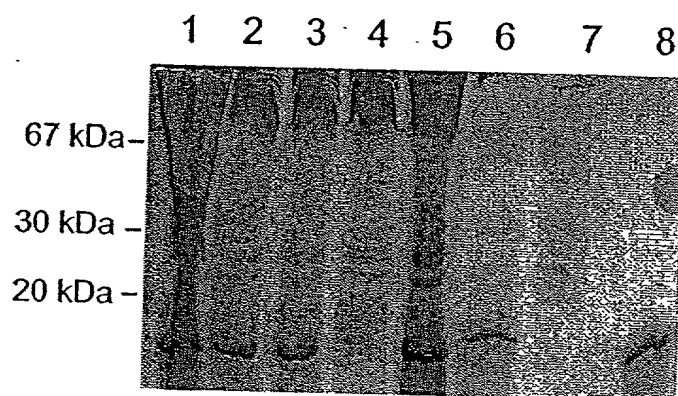




3/15



*FIG. 2*

4/15

FIG. 3A PCR

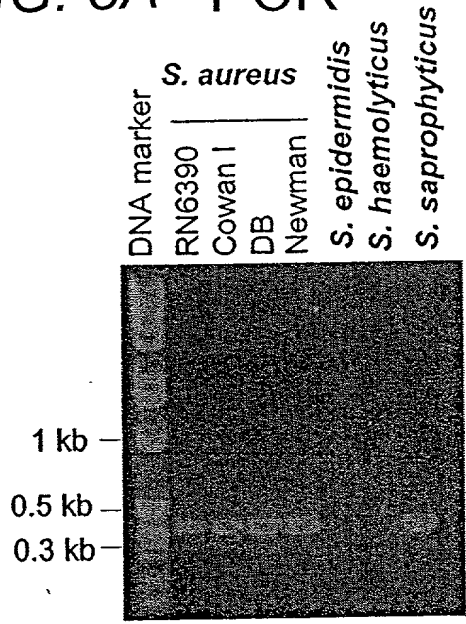


FIG. 3B Southern

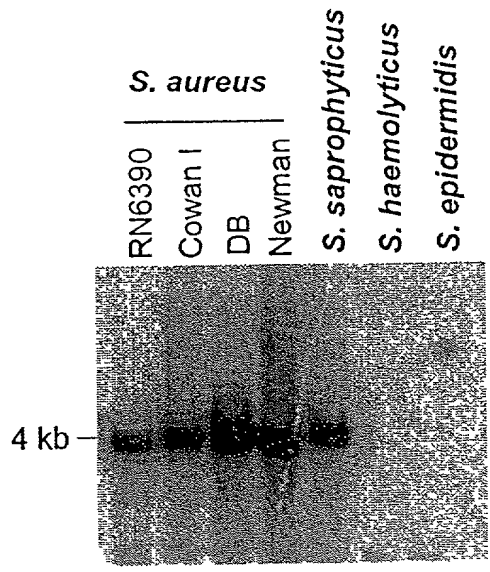


FIG. 3C Northern

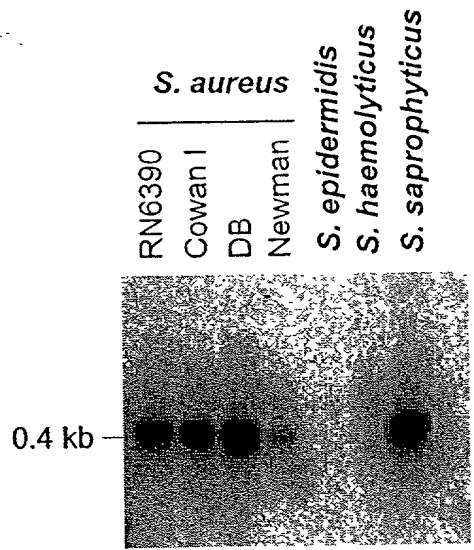
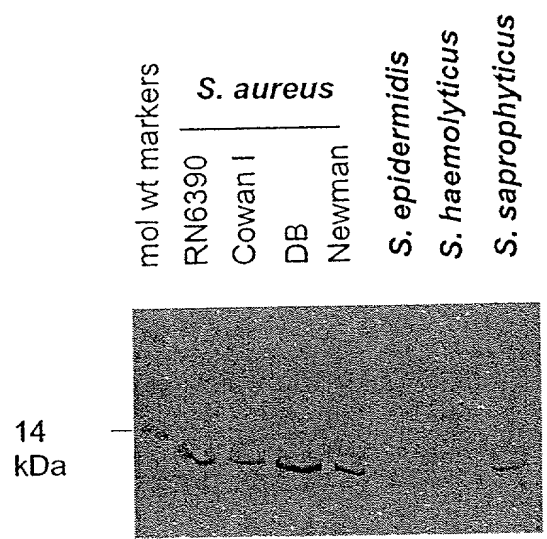


FIG. 3D Immunoblot



5/15

FIG. 4A

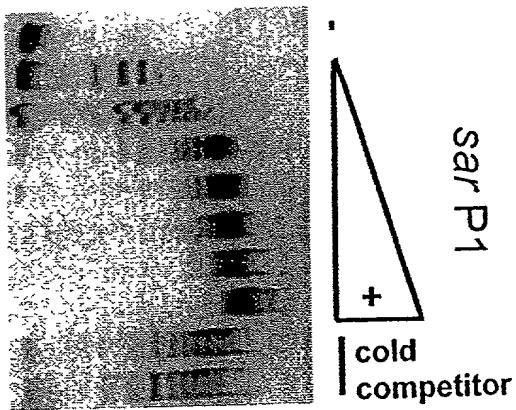


FIG. 4B

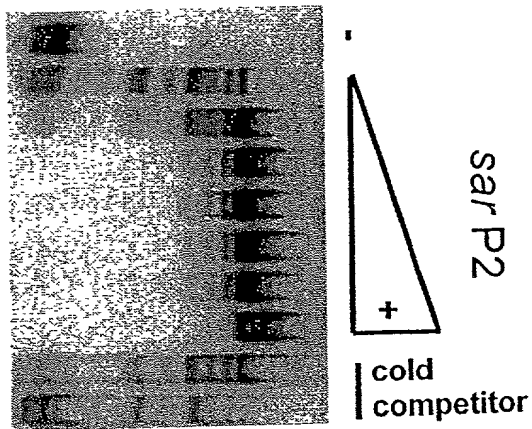
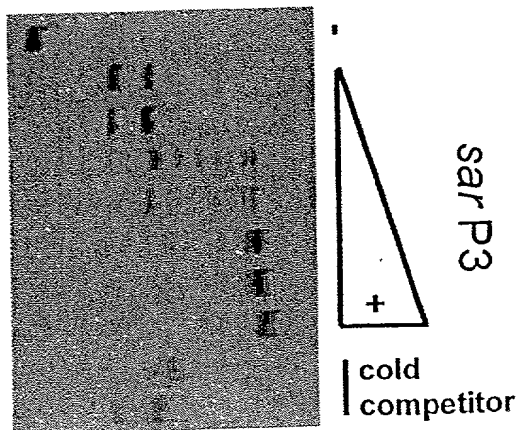
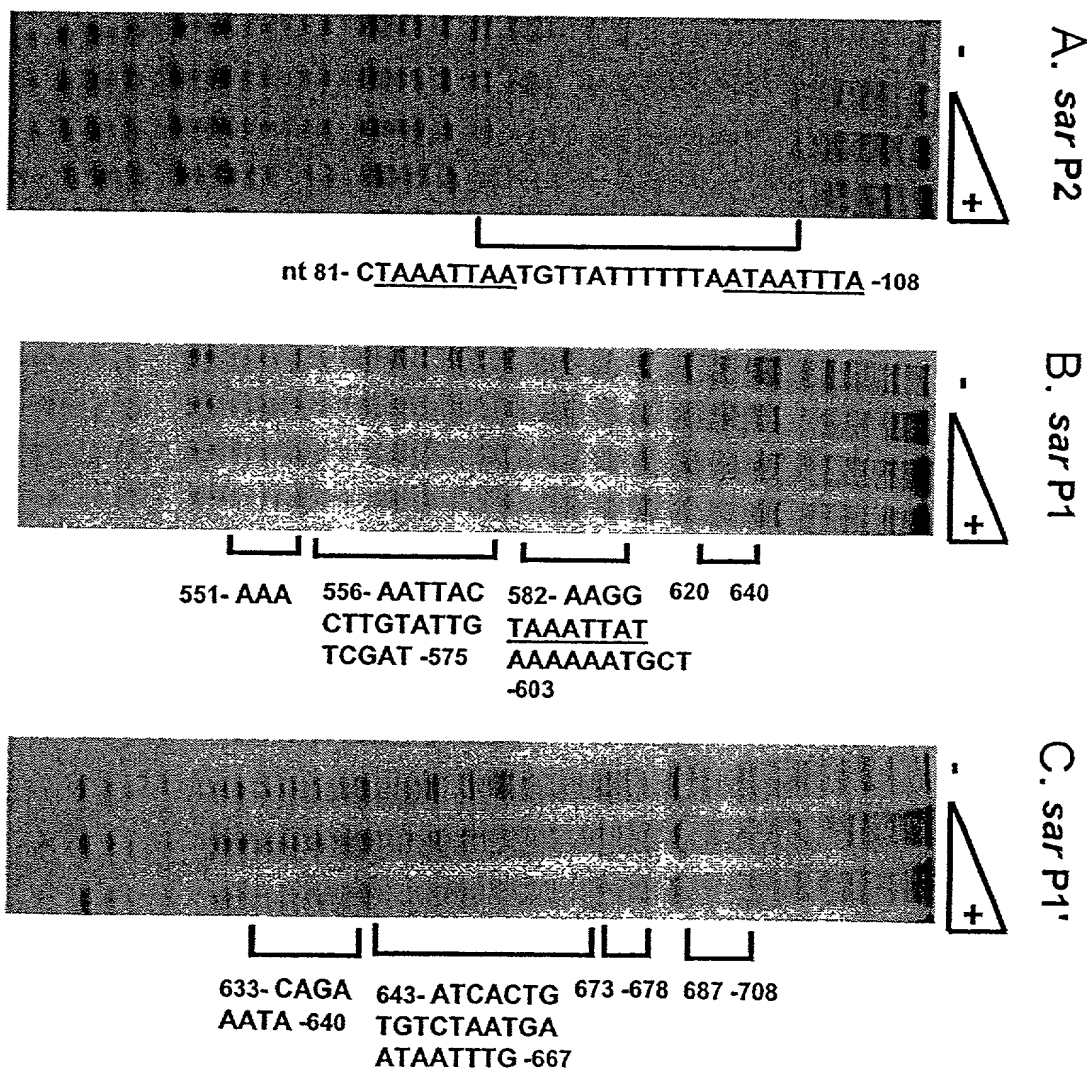


FIG. 4C



6/15

FIG. 5



7/15

FIG. 6A

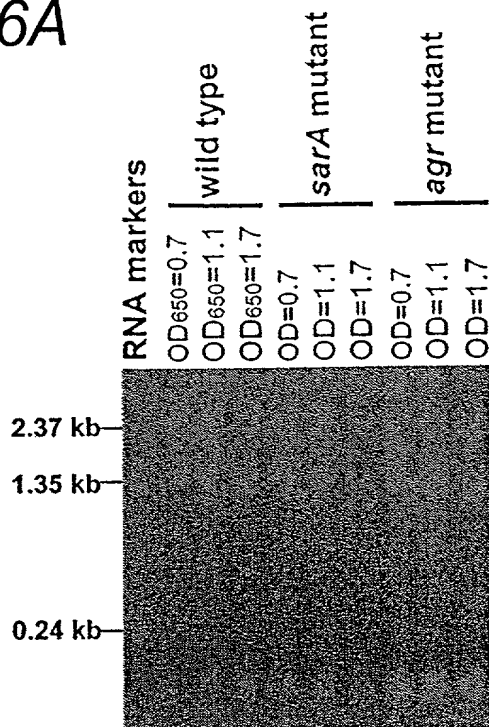


FIG. 6B

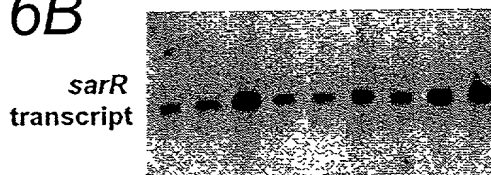


FIG. 6C

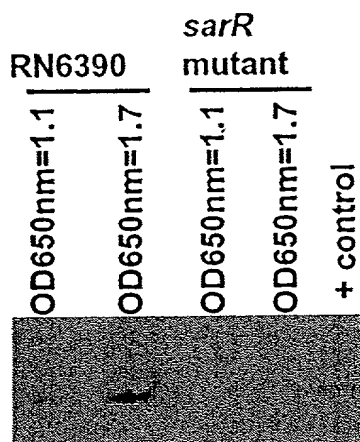


FIG. 7A

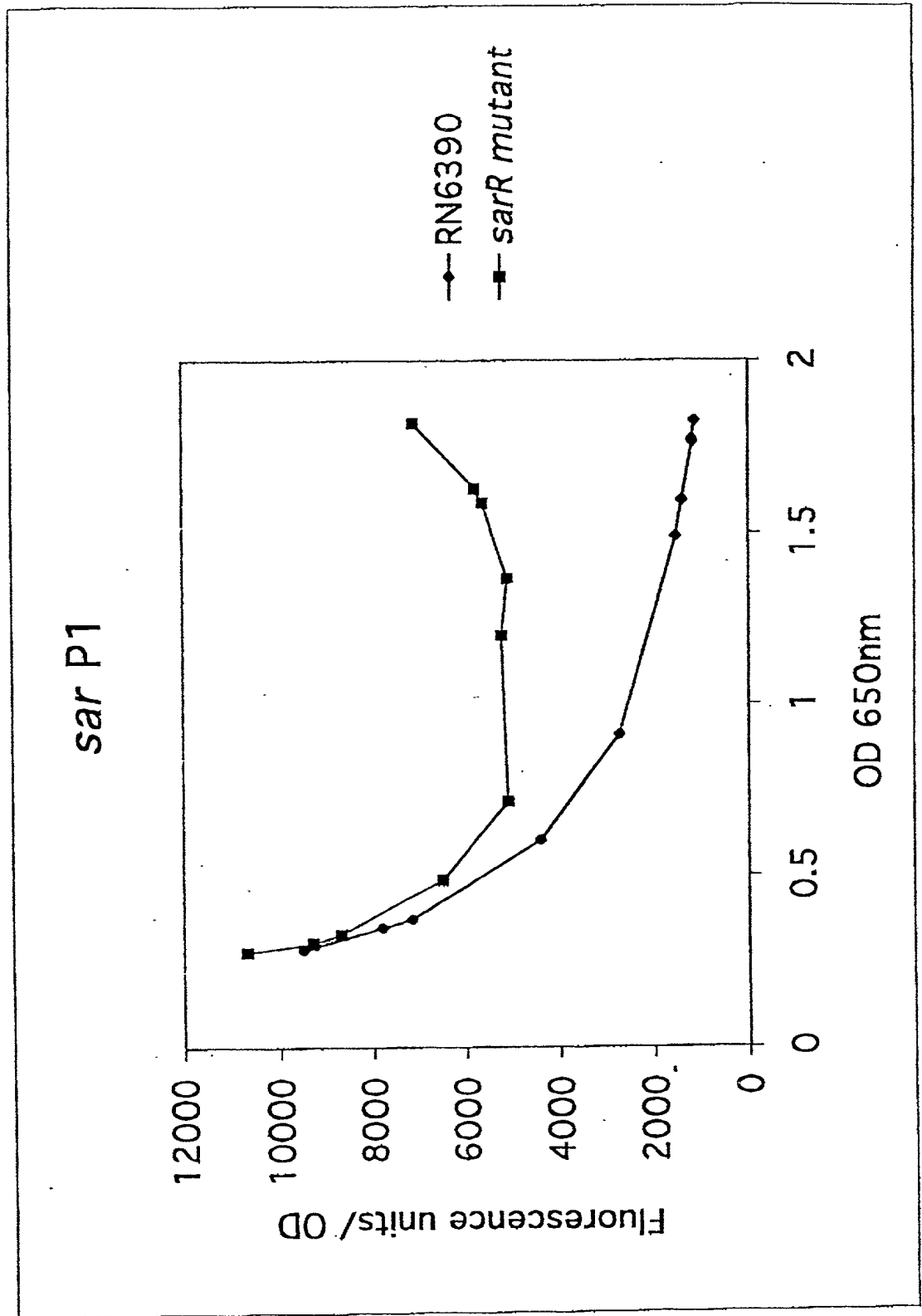
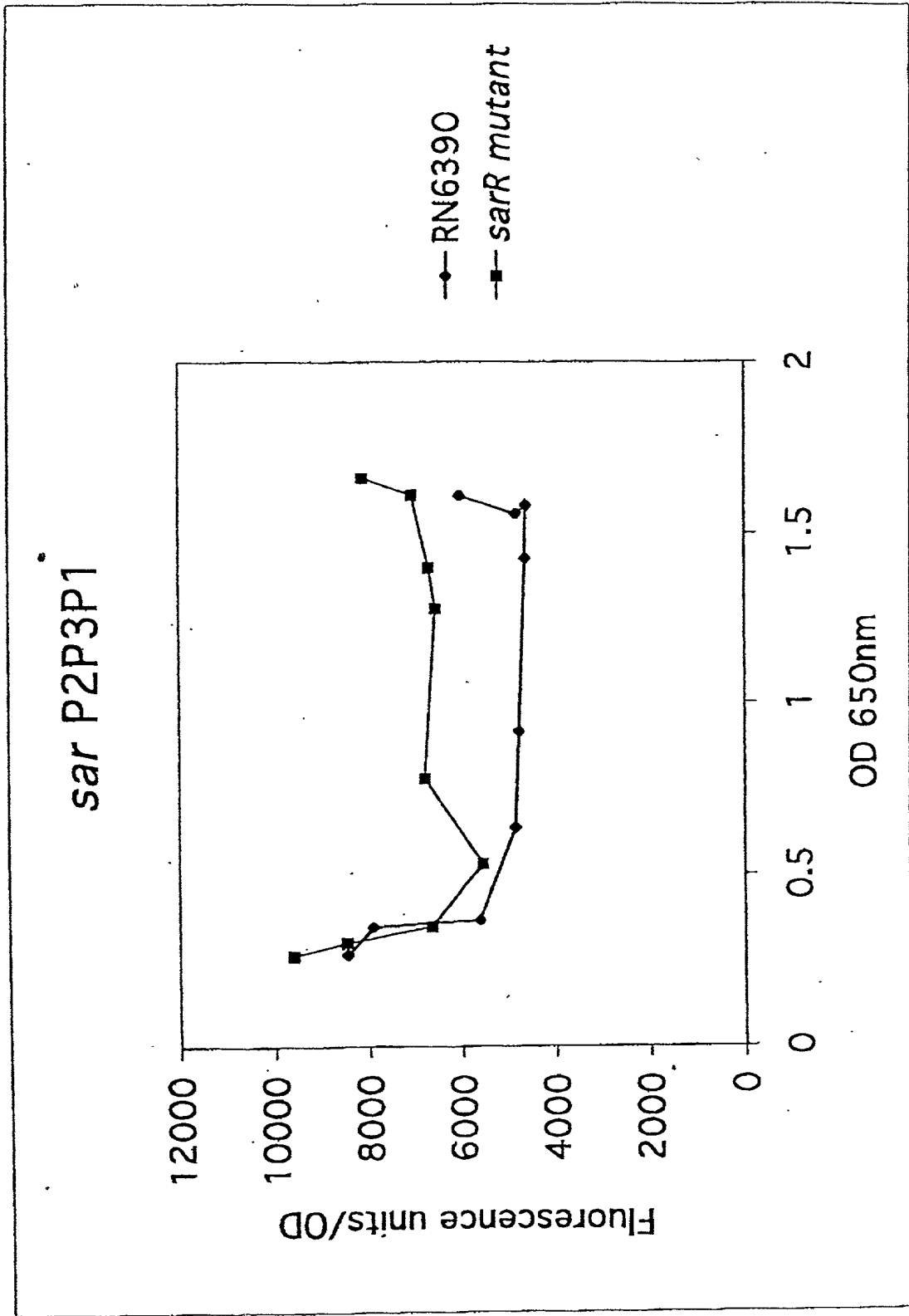




FIG. 7B



9/15

20170625E4001

10/15

FIG. 8A: *sar* probe

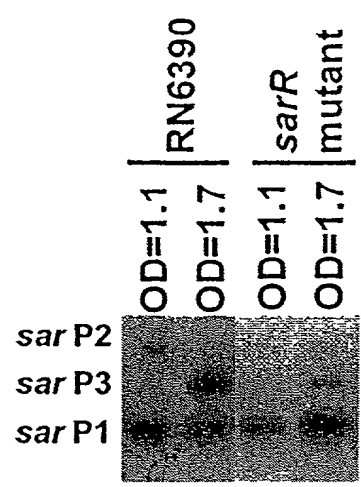


FIG. 8B: anti-SarA antibody

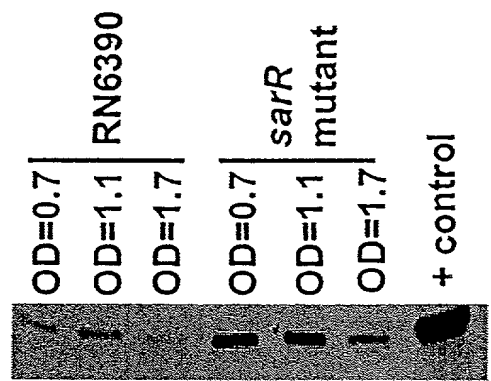
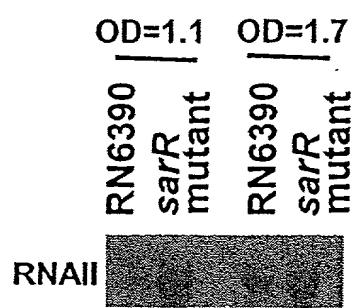


FIG. 8C: *agrA* probe



11/15

FIG. 9A

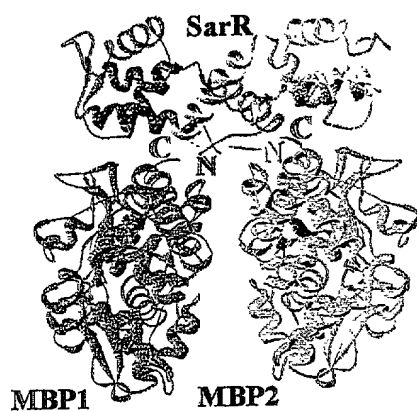


FIG. 9B

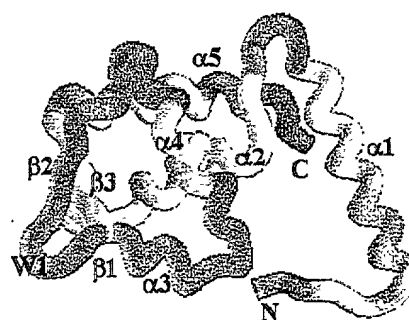


FIG. 10A

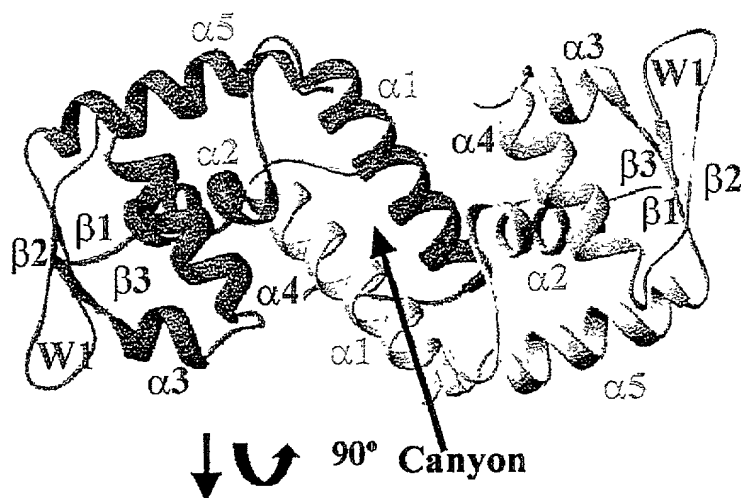


FIG. 10B

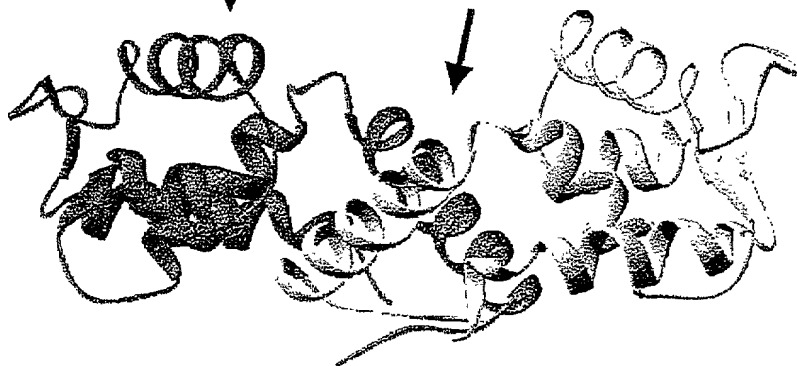


FIG. 10C

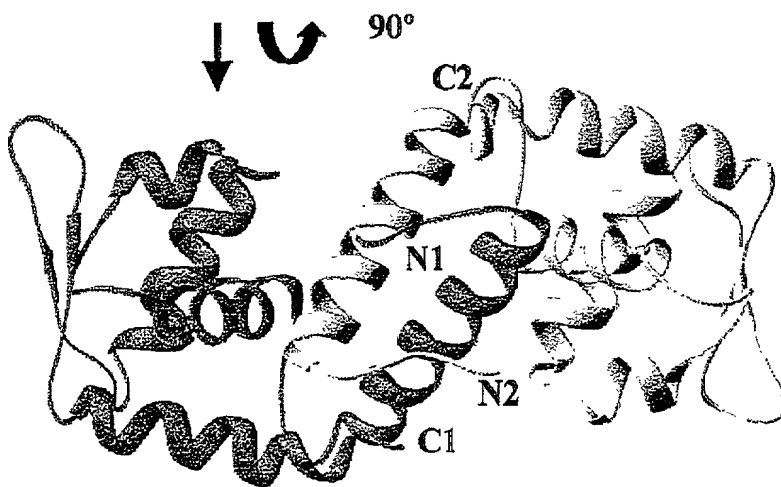
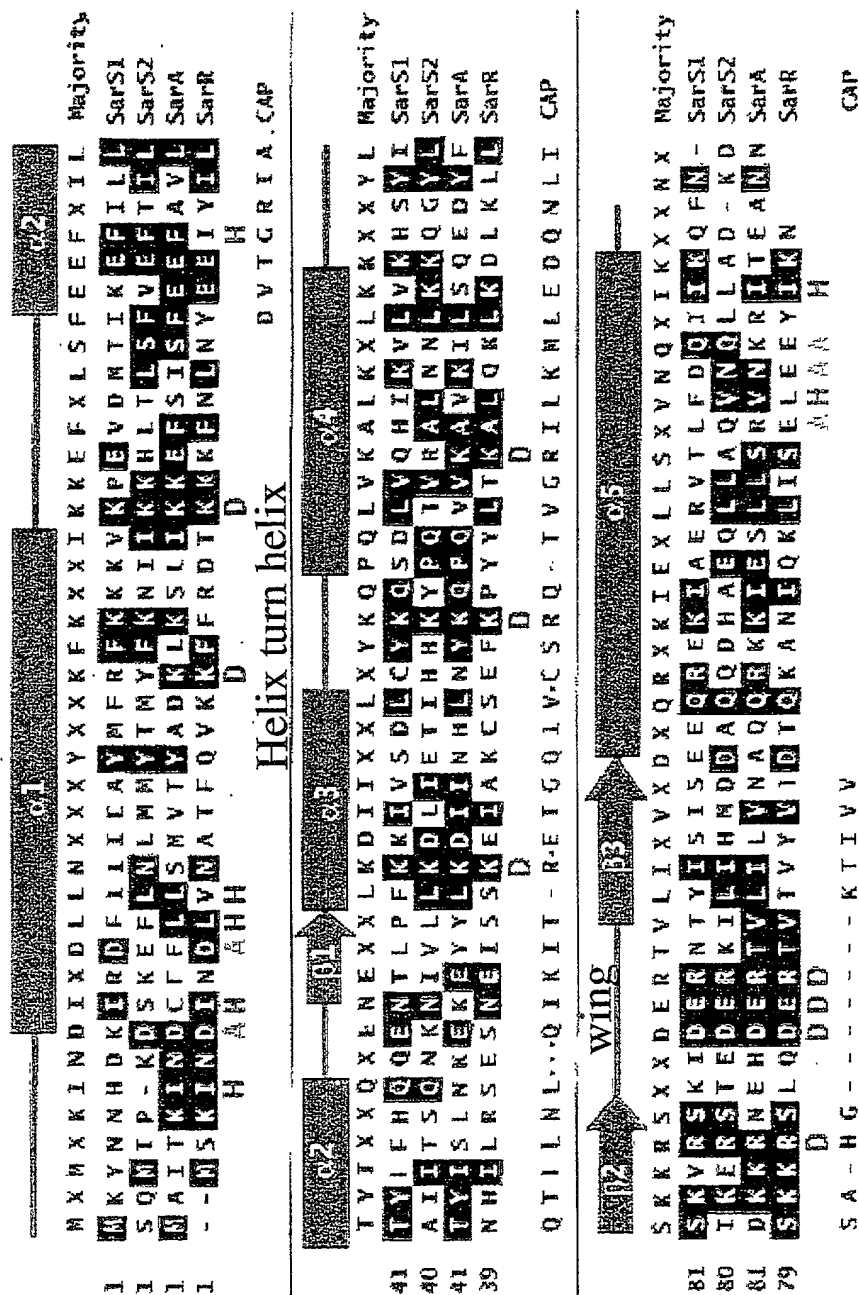


FIG. 11



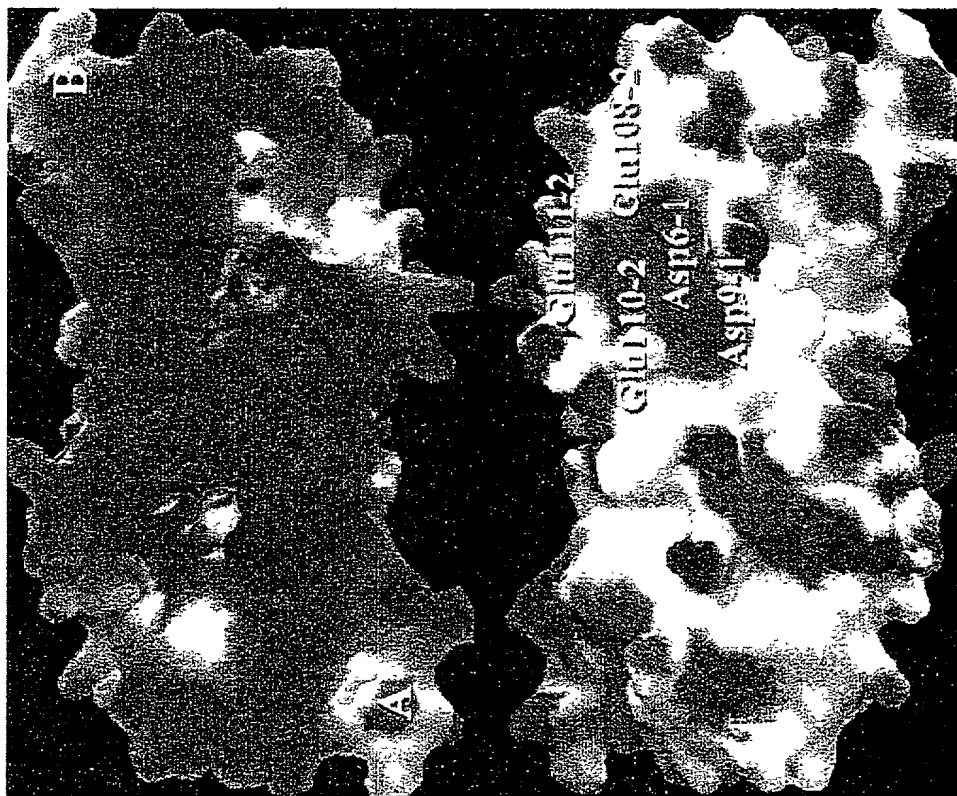
H: residues involved in dimerization, A: acidic residues involved in activation,  
D: basic residues involved in DNA binding

14/15

FIG. 12 A & B

Electrostatic potential surface of the dimeric SarR structure

- Basic residue
- Acidic residue



The distance from A to B is 71 Angstrom (20 nt) but the inner distance is 92 Angstrom (27 nt)

FIG. 13A

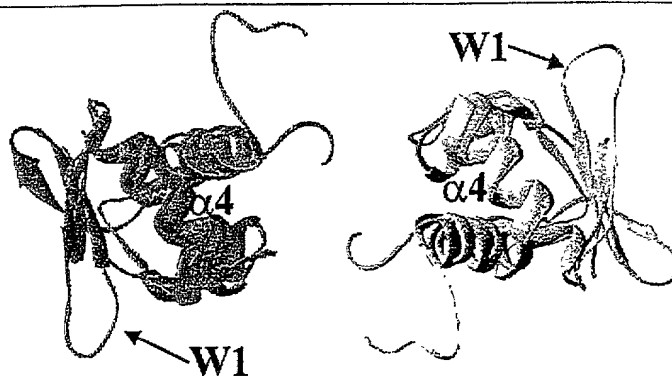


FIG. 13B

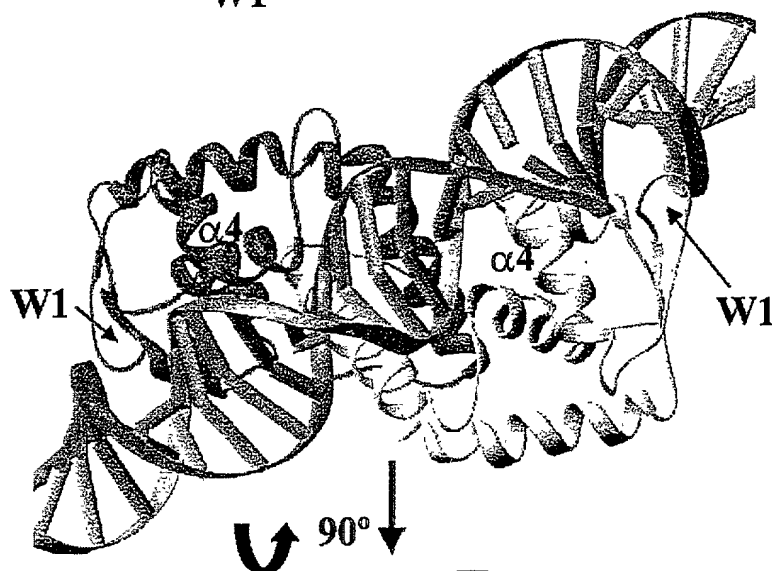


FIG. 13C

